

1/10

FIGURE 1a

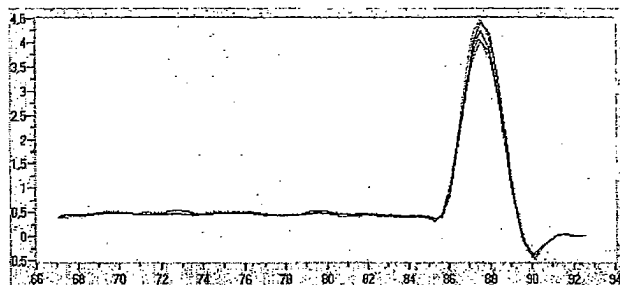
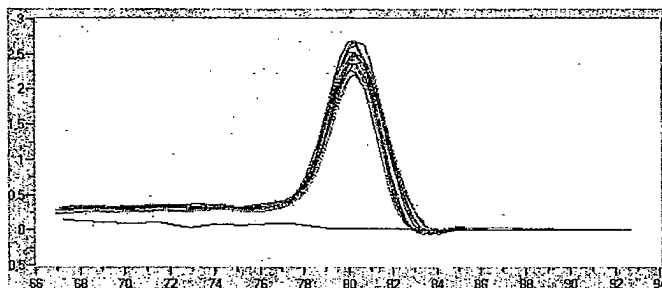


FIGURE 1b



2/10

FIGURE 2

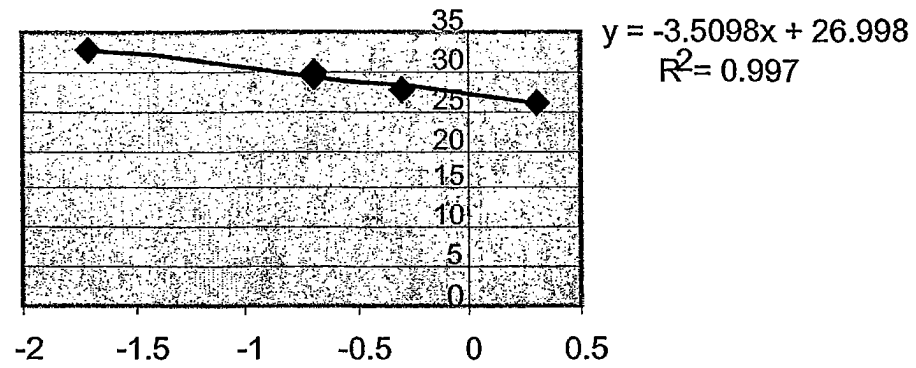
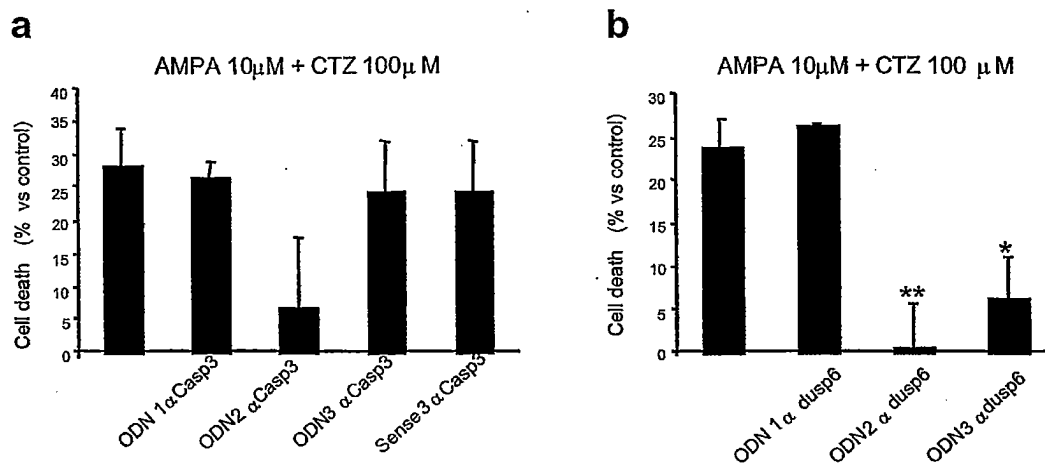
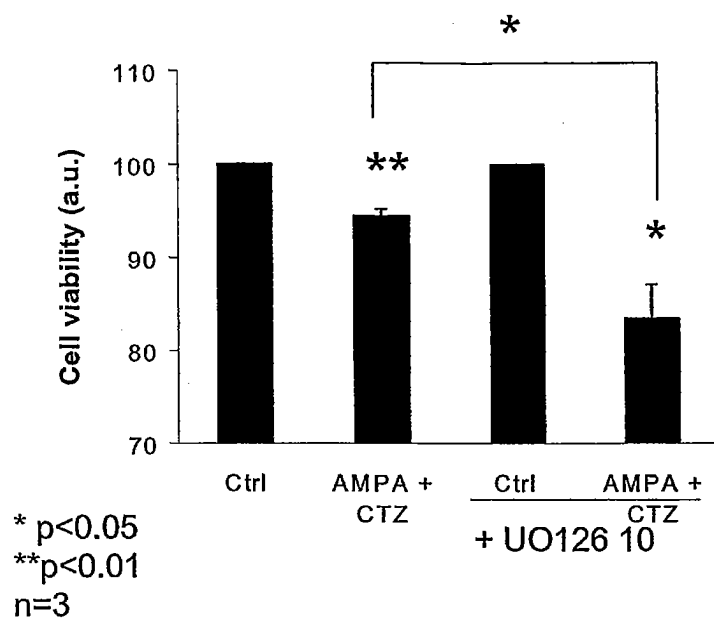


FIGURE 3



4/10

FIGURE 4



5/10

FIGURE 5

86.713% identity (88.783% ungapped) in 1716 nt overlap (172-1875:189-1876)	
human	150 160 170 180 190 200 CACTAAGAGCCAGCGCTGCAGCTGGTGCAGAGAGAACCTCCGGCTTTGACTTCTGTCTCG
rat	160 170 180 190 200 210 GATTCATTGACTCTGAGAGTGATCTGGTGCAGAGGGACCACCGCTTGGCTTCTG--TCG
human	210 220 230 240 250 260 TCTGCCCAAGGCCGCTAGCCTCGGCTTGGGAAGGCGAGGCGGAATTAAACCCGCTCCG
rat	220 230 240 250 260 270 CCTTCCCTAA--CCGCTAGCTTCGGCTTGGGAA---AGGCCGAATCAAACCCGCTCCG
human	270 280 290 300 310 320 AGAG-CGCACGTTTCGCGCGCGGTGCGTCGCGCCATTGCTGCCCCGAGGGGCGTCTGGTAG
rat	280 290 300 310 320 AGAGCCGAGCTTCTCACGGCTTGC-TTGGCCTATGCTGCTCGAGGGGCGTCTGCTAG
human	330 340 350 360 370 380 GCACCCCGCCCTCTCCCGCAGCTCGACCCCATGATAGATACGCTCAGACCCGTGCCCTT
rat	330 340 350 360 370 380 GCACCCCGCCTTCTCCTGCAGCTCGACCCCATGATAGATACGCTCAGACCCGTGCCCTT
human	390 400 410 420 430 440 CGCGTCGGAAATGGCGATCAGCAAGACGTTGGCGTGGCTCAACGAGCAGCTGGAGCTGGG
rat	390 400 410 420 430 440 CGCGTCGGAAATGGCGATCAGCAAGACGTTGGCGTGGCTCAACGAGCAGCTGGAGCTGGG
human	450 460 470 480 490 500 CAACGAGCGGCTGCTGCTGATGGACTGCCGGCCGAGGAGCTATACGAGTCGTGCGACAT
rat	450 460 470 480 490 500 CAACGAACAGCTGCTGCTGATGGACTGCCGACCGCAGGAGCTGTACGAGTCGTGCGACAT
human	510 520 530 540 550 560 CGAGTCGGCCATCAACGTGGCCATCCCGGGCATCATGCTGCGGCGCTGCAGAAGGGTAA
rat	510 520 530 540 550 560 CGAATCTGCCATCAACGTGGCCATCCCGGGCATCATGCTGCGGCGCTGCAGAAGGGCAA
human	570 580 590 600 610 620 CCTGCCGGTGC GCGCGCTCTTACGCGCGGCGAGGACCGGACCGCTTACCCGGCGCTG
rat	570 580 590 600 610 620 CCTGCCGGTGC GCGCGCTATTACGCGCTGCGAGGACCGGACCGCTTACCGCGCTG
human	630 640 650 660 670 680 TGGCACCGACACAGTGGTGCTCTACGACGAGAGCAGCAGCGACTGGAACGAGAATACGGG
rat	630 640 650 660 670 680 CGGCACCGACACCGTGGTGCTCTACGACGAGAACAGCAGCGACTGGAATGAGAACACAGG

9/10

FIGURE 6

98.425% identity (98.425% ungapped) in 381 aa overlap (1-381:1-381)						
	10	20	30	40	50	60
human	MIDTLRPVPF	ASEMAISKTV	AWLNEQLEL	GNERLLLM	DCRPQELYESS	HIESAINVAIPG

rat	MIDTLRPVPF	ASEMAISKTV	AWLNEQLEL	GNEQLLLM	DCRPQELYESS	HIESAINVAIPG
	10	20	30	40	50	60
	70	80	90	100	110	120
human	IMLRRLQKGN	LPVRALFTR	GEDRDRFTR	RCGTDTVV	LYDESSSDWN	ENTGGESLLG

rat	IMLRRLQKGN	LPVRALFTR	CEDRDRFTR	RCGTDTVV	LYDENSSSDWN	ENTGGESVLG
	70	80	90	100	110	120
	130	140	150	160	170	180
human	KLKDEGCRA	FYLEGGFSK	FQAEFSLHC	ETNLDGSC	SSSPPLPVL	GLGGLRISSD

rat	KLKDEGCRA	FYLEGGFSK	FQAEFALHC	ETNLDGSC	SSSPPLPVL	GLGGLRISSD
	130	140	150	160	170	180
	190	200	210	220	230	240
human	ESDLDRD	PNSATDS	DGSPLSN	SQPSFP	VEILPFL	YLGCARDSTN

rat	ESDLDRD	PNSATDS	DGSPLSN	SQPSFP	VEILPFL	YLGCARDSTN
	190	200	210	220	230	240
	250	260	270	280	290	300
human	PNLPNLFEN	AGEFKYK	QIPISDH	WSONLSQ	FFPEAIS	FIDEARGKNC

rat	PNLPNLFEN	AGEFKYK	QIPISDH	WSONLSQ	FFPEAIS	FIDEARGKNC
	250	260	270	280	290	300
	310	320	330	340	350	360
human	VTVTVAYLM	QKLNLSM	NDAYDIV	KMKKSNI	SPNFMGQ	LLDFERTLGL

rat	VTVTVAYLM	QKLNLSM	NDAYDIV	KMKKSNI	SPNFMGQ	LLDFERTLGL
	310	320	330	340	350	360
	370	380				
human	QLYFTTPSN	QNVYQVD	SLQST			
			
rat	QLYFTAPSN	QNVYQVD	SLQST			
	370	380				

10/10

FIGURE 7

